Mini Hydei schemes in Andhia Pradesh

1450. SHRI YERRA NARAYAN-SWAMY: Will the PRIME MINISTER be pleased to state;

(a) whether any mini-hydei schemes have been grounded in Andhra Pradesh In 1994-95;

(b) the details of such projects which have actually toeen grow and

(e) the targets fo$_r$ development of uiini-hydel schemes in Andhra Pradesh in 1994-95?

THE MINISTER OF STATE IN THJE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR); (a) to (b) Yes, Sir. As per the information furnished by the State Government, two minj hydei projects have actually been grounded in Andhra Pradesh in 1994-95. The two projects of 1 MW capacity each are located on Distributory-83 Canal of Sriram Sagar Project in Karimnagar District. They are likely to be commissioned by March, 1995.

(c) Five mini hydei projects of aggregate capacity 4.8 MW hare been approved under the subsidy ccherne of the Ministry of Non-Con-ventiDnal Energy Sources. They are likely to be commissioned during 1996-67. 19 projects (upto 15 MW station capacity) aggregating to 54 MW have been allotted to private developers. In addition, 72 projects (upto 15 MW station capacity) of total capacity 20 MW have been ad vertised for allotment to private developers on first-eome-first serve basis.

Participation of Foreign companies in the non conventional Energy Production

1451. SHRI SURINDER KUMAR SINGLA: DR. SHRIKANT RAM-CHADNRA JICHKAR:

ill the PRIME MINISTER be pleased to state:

^a) whether any iforeign compaiy comp; siiea come into India the Non-Conventional . produf .

(b) what are the details thereof; and

(c) what is being done to encour age more companies to enter the Indian scene in this area?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVEN-TIONAL ENERGY SOURCES (SHRI S. KRISHNA KUMAR): (a) and (b) rest has been shown by many foreign companies/establishments for collaboration with Indian companies/ blishments in the field of Non-Conventional Energy production. A list of recent tie ups which have taken place between Indian and for. eign companies/establishments is given in Statement. (See below)

(c) Government has •„• extended many incentives for encouraging more companies to enter the Indian scene Sn thi$_s$ area, the main features of which are as follows:

"Liberalized licencing policy to facilitate setting up of industries or foreign collaboration. Foreign in*

i.imeit Is encouraged and automatic clearance procedures have been established.

* Customs duty on a number of imported item$_s$ have been exempted/reduced .

*Non-oonventional energy equipments are exempt from sales-tax and excise duties.

*5 year's tax holiday applicable to power generation projects.

*100 per cent depreciation allow. ed in the first year.

*Non-conventional energy-based power projects are allowed wheeling, banking, third party sale and buy-back, by Stat$_e$ Electricity Boards (SEBs).

*Power purchase agreement with State Electricity Boards.

"Soft loan facility from Indian Rfenewa^le Energy Development Agency (IREDA).

"Loan facilities from other financial Institutions.

Statement

Following MOUs have been signed during recent past between Indian and foreign business groups for cooperation in the field oif renewable energy:

(i) A Memorandum of Undertand-ing has been signed between Ther-max Ltd. and the Future Energy Resources Company (FERCO) for a joint venture on advanced biomass gasification.

(ii) MOU among the partners in a US-India-Canada-Consortium to develop the project on biomass cogeneration at a Sugar Mill in India.

(iii) MOU between the Consortium, t^e Tata Energy Research Institute$_i$ and Simbhaoli Sugar Mill$_s$ Ltd. (India) for the purpose of pre-feasibility analysis on biomass cogeneration in sugar mill.

(iv) MOU between Energy International Corporation, USA, Tata Energy Research Institute and Willard India Ltd. for the purprse of pre-feasibility analysis on biomass cogeneration in a sugM mill.

(v) MOU between Bharat Electronics Ltd., of India and M]s. Spiro of US in the area of Solar Photovoltaics.

(vi) MOU between M|s. Emgee Solar of India with M|s. Martin Marietta of US in the area of solar photovoltaics.

(vii) MOU to establish a manufacturing line that, will assemble photovoltaic moduel$_s$ of components manufactured in the US between Solec, USA and Solec Penta-four, tndia.

(viii) MOU between Cannon Power, California, USA and Ban-gur Group of Calcutta to construct a 25 MW wind farm. Cannon is the first US Wind Energy Company to open a permanent office in India.

(ix) MOU between Energy Conversion Devices! Ovonic Battery Company of USA and Delton Cables Ltd. of India to form a joint venture for manufacturing and sale of Ovonic nickel metal hydride rechargeable batteries.

(x) Announcement by Manufacturing and Technology Conversion International (MTC1) of USA for its affiliation with Esvinn Advanced Technologies Ltd. of India for cooperation in the field of Steam Reformer Technology of pollution abatement, energy and chemical recovery in pulp and paper mills, sugar mill$_s$ and dis-' tilleries.

(xi) MOU between CII and US Export Council for renewable energy for cooperation in the field of renewable energy activities.

(xii) M|s. Siemens Solar announced commencement of their Indian operations in the area of..- solar photovoltaics.

<xiii) Western Paques (India) Ltd. has signed an MOU with Ho Chj Minh and Hanoi Municiple Corporation Vietnam to process municiple solid waste to solve long unresolved, environmental hazard of. waste .disposal problem of. Ho Chi Minh city and produce energy and manure as a by-product. Western Paques have also signed MOUs with the Municipal Corporation of Ankara City (Turkey), Istanbul City (Turkey) and Chiang Mai city (Thailand).

(xiv) MOU between M|s. Thermochem Inc., California, USA and M|s. Ajinkyatara Cooperative Sugar Mills, Maharashtra for a 10 MW Power Project through bagasse gasification.

(xv) MOU between M/s. CTBR, France and M|s. Esquire Energy Ltd., Bombay for projects in sugar mills for bagasse cogeneration.

(xvi) A technical collaboration venture between Tata BP Solar (Pvt.) Ltd., Bangalore and BP Solar UK foor manufacturing solar photovoltaic modules and systems with an installed capacity of 1 MW per year has been set. up at Electronic City, Bangalore.

(xvii) M|s. Webel-SL Energy Systems, West Bengal" and' Helios of Italy are setting up a project if or manufacturing, of solar cells, photovoltaic modules and systems.

(xviii) M|s. Eco Solar, Pune is working with University of Colo rado, USA for developing Cadmium Telluride-based Photovoltaic Mo dules with an annual capacity of 700 KW.....

(xix) M|s. Sun Source Cannon Energy Ltd., India and M|s. Ca'nan Power Corpn., USA are'setting up a joint venture at a total cost of Rs. 60 crores for alternate energy project like solar, wind etc. in India,

(xx) M|s. Owimax Services India Ltd. and M|s. Owimax of Russia are setting up a joint venture for providing services in India in the field of photovoltaics, semiconductors, non-conventional energy soruces and pollution control.

(xxi) M|s. Peerless Developers Ltd., Calcutta and M|s. Frazer Nash Research Ltd., U.K. are starting a joint venture for manufacture of solar passenger transport vehicles powered by batteries, supplemented by photovoltaic charging.

पदाधिकारियों के विरुद्ध गठित किए गए जांच आयोग

1452. **श्री नागमणि :** क्या **प्रधान** मंत्री यह बताने की कृपा करेंगे कि :

(क) पिछले 10 वर्षों के दौरान सार्वजनिक जीवन में कार्यरत शीर्ष पदाधिकारियों के विरुद्ध लगाए गए आरोपों की जांच करने, विभिन्न सरकारी विभागों, कार्यक्रमों इत्यादि में दोषों और कमियों की जांच करने और इनमें सुधार करने हेतु सुझाव देने के उद्देश्य से कुल कितने आयोग कब-कब और किन-किन मामलों में गठित किए गए थे ;

(ख) कितने आयोगों की सिफारिशों पर समुचित कार्यवाही पूरी की गई है और कितने आयोगों की सिफारिशों पर आंशिक रूप से कार्यवाही की गई है और कितने आयोगों की सिफारिशों पर कार्यवाही अभी भी लम्बित है ; और

(ग) क्या सरकार द्वारा ऐसे आयोगों द्वारा प्रस्तुत किए गए प्रतिवेदनों पर कार्यवाही करने के लिए कोई कार्यक्रम तैयार किया गया है अथवा तैयार किए जाने का प्रस्ताव है ?

कार्मिक लोक शिकायत तथा पेंशन मंत्रालय में राज्य मंत्री (श्रीमती मारग्रेट आल्वा) (क) इस मंत्रालय ने पिछले 10 वर्षों में किसी भी शीर्ष पदाधिकारी